

ANNUAL REPORT
OF
GROUND WATER DEVELOPMENT
DIVISION, SAMBALPUR
FOR THE FINANCIAL YEAR 2017 -18

Name of Division: **Ground Water Development Division, Sambalpur**

Location: Sambalpur

Postal address: At: Danipalli(Behind Central excise office, Sambalpur),
P.O: Budharaja,
Dist: Sambalpur,
Pin: 768004

Email ID: *hydrologistsambalpur@gmail.com*

Phone: 0663-2520099

Fax: 0663-2522349

Divisional Officer Name: Er. B.K Pathi, Hydrologist

Jurisdiction: Districts of Sambalpur, Deogarh, Jharsuguda&Sundargarh

Total no. of blocks: Jharsuguda: 5 nos

Deogarh: 3 nos.

Sambalpur: 9 nos.

Sundargarh: 17 nos

Total 34 nos. blocks

Nos. of subdivisions functioning: 4 nos

Water quality laboratory : yes

Staffing Pattern:

a. Regular- (Category Wise)

SI No.	Group	Sanctioned post	Existing post	Vacant Post
1	A	2	2	0
2	B	10	4	6
3	C	6	2	4
4	D	2	2	0
	Total:	20	10	10

b. work charged:

SI No.	Group	Sanctioned post	Existing post	Vacant Post
1	C	3	2	1
2	D	4	3	1
	Total:	07	05	02

Activities of GWD Division, Sambalpur during 2017-18

Sl. no	Description of activities	Achievement	
		Physical	Financial in Rs
1	Ground Water Table & Quality monitoring in 34 blocks & 4(four) towns (Monitored 4 times a year)		
a	Ground water table & Quality monitoring in different blocks		2,50,000/-
	Deogarh district(3 blocks)	10	
	Sambalpur district (9 blocks)	29	
	Jharsuguda district (5 blocks)	19	
	Sundargarh district (17 blocks)	41	
	Ground water		
b	Ground water table & Quality monitoring in Urban area		
	Sambalpur town in Sambalpur district	7	
	Jharsuguda town in Jharsuguda district	6	
	Rajgangpur town in Sundargarh district	3	
	Rourkela town in Sundargarh district	6	
c	Ground water table monitoring of Govt. RRHS Building		
	Jharsuguda district (19 Buildings)	25	
2	Hydrogeological survey & Investigation(preparation of hydrogeological block report)		
a	Sundargarh District:	Report for 2 blocks namely (Kutra & Badagaon Blocks of Sundargarh district)	54,742/-
3	Miscellaneous activities		
a	Maintanance of office building	Maintenance of office building	2,84,242/-
b	WQ laboratory/DDPC		41,000/-
4	Rooftop rain water harvesting & Ground water recharge		
a	Rooftop rain water harvesting & Ground water recharge for Government building	15	16,88,388/-
b	Rooftop rain water harvesting & Ground water recharge for private building	156	64,32,330/-
c	Awareness raising activities for Rooftop rain water harvesting & Ground water recharge	In Jharsuguda town	2,98,816/-

RRHS Structure Constructed at Siol Testing laboratory building, Jharsuguda

Roof Area : 378 Sqm

Structur Type :

- a) PVC Pipe line 100 mm dia: 59.4 m & 150 mm dia: 50.8 m
- b) Filter unit (No) = 1 xRCC DW
- c) Shaft No & Depth (Mtr)= 1X3.6 mtr ,



Monitoring of Ground Water observation made four times in a year ie. Pre-monsoon, mid- monsoon, post- monsoon and winter cover different blocks under the Districts namely Jharsuguda, Deogarh, Sambalpur and Sundargarh .

Jharsuguda District : 5 nos. Block
Deogarh District: 3 nos. Block
Sambalpur District: 9 nos. Block
Sundargarh District: 17 nos. Block

Total 34 nos. blocks



Ground Water monitoring at Basaloi GP office under Barkote Block of Deogarh District.

Private RRHS Constructed at House of Hemsagar Patel , Ekatali, Jharsuguda



1-Recharge Structure



2-Online PVC Rain water Filter



3- House of Sri Hemsagar Patel, Ekatali, Jharsuguda where Private RRHS structure is installed.



. Awareness Programme about RRHS at Basanti Colony, Rourkela



Water Quality Sample Analysis of GWD Division, Sambalpur